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AREA BURNED BY WILDFIRE IN CALIFORNIA WATERSHEDS, 1940-1959 [1/]

By

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ABSTRACT: Uniform fire histories (1940-1959) have been compiled for 522 watersheds and 110 hydrographic regions. With a few exceptions, the compilations include all fires, over 100 acres in size, reported to the major California firefighting agencies. The data sources, limitations, and availability are discussed. Characteristics of the fire inventory are explained and illustrated, and a summary of watershed data is presented.

Destruction from floods and sedimentation, and losses in usable water yields may equal or exceed the direct losses from wildfires. [2/] As part of studies designed to delineate regional variations in water and sediment sources and their causes, we are attempting to quantify the magnitude and duration of watershed reactions to fire. Quantitative evaluation required that we know, as a minimum, when, where, and how many acres were burned within the area that includes 522 watersheds in California (fig. 1).

This note describes the data sources, limitations, and characteristics of our fire inventory. Fire histories of our study watersheds are summarized in tabular form.

[1/] A contribution from studies conducted by the Pacific Southwest Forest and Range Experiment Station in cooperation with the California Department of Water Resources.

[2/] Rice, R. M. It's not over when the fire's out. U.S. Forest Serv. Pacific SW. Forest & Range Expt. Sta. 4 pp., illus. 1963.

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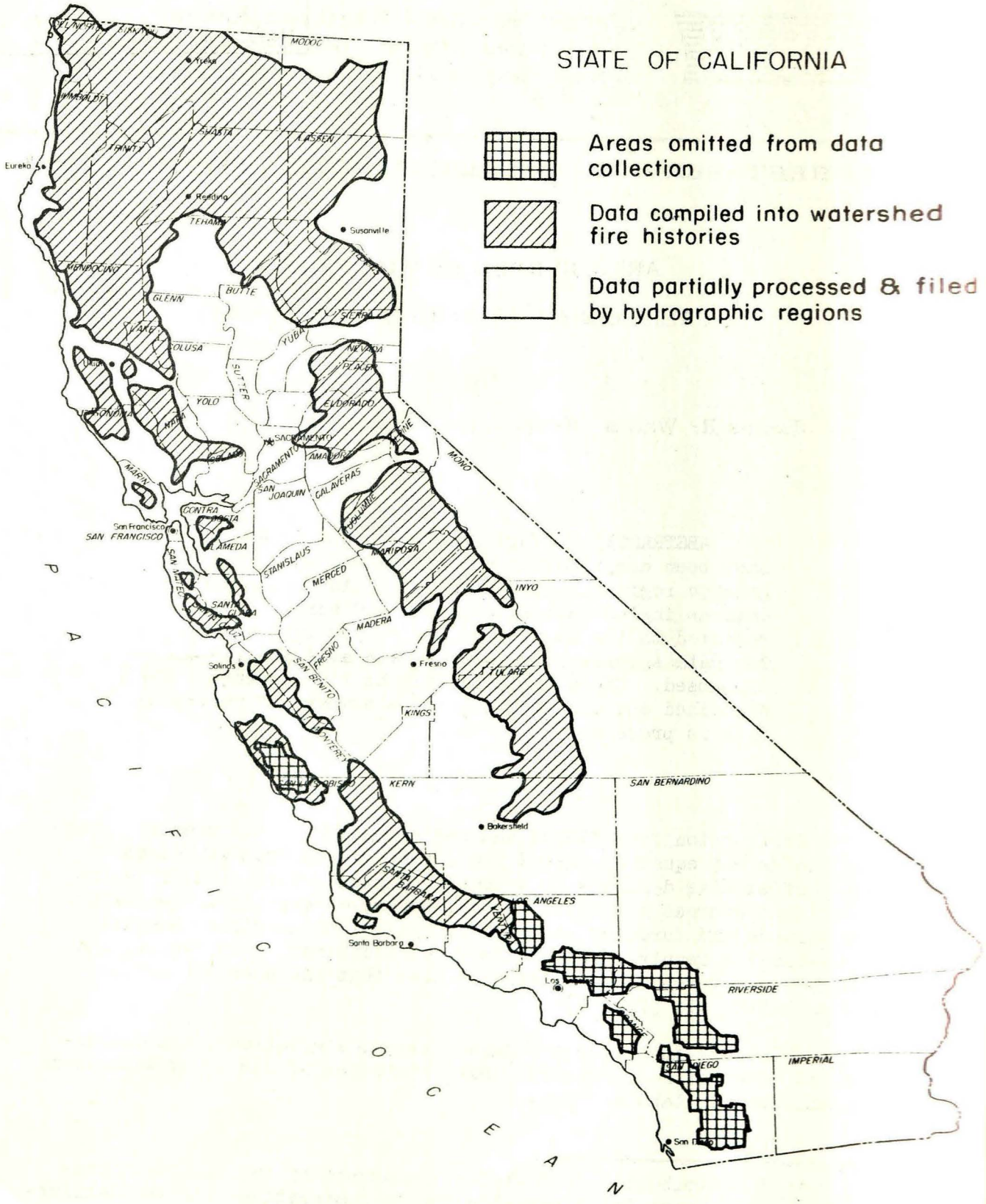

Figure 1.--State of California data compiled into watershed fire histories.

First, we compiled fire histories from available fire reports. We assigned the burned area shown on each fire report to one or more appropriate watershed units, arranged them chronologically, and summarized the results for each watershed. In addition, fires that burned partially or entirely outside of the limits of the study watersheds were classified into one or more of the 110 hydrographic regions defined by the California Department of Water Resources (DWR).[3/]

Knowledge of fire history is basic to many different studies of wildland problems. Nothing comparable to our compilations exists. The complete watershed compilations are too bulky to publish in more than summary form, but they may be obtained on inter-library loan by applying to the Librarian, Pacific Southwest Forest and Range Experiment Station, Box 245, Berkeley, California, 94701.

Data on fires which burned outside of the study watersheds are only partially processed (fig. 1). These records are filed by DWR hydrographic regions and have been sent to the Federal Records Center Archives in South San Francisco, California.[4/]

SOURCES

California's fire records are kept by three major agencies and several local ones. Within the State, the California Division of Forestry (hereafter CDF), Forest Service (FS), and National Park Service (NPS) protect most non-federal lands, National Forests, and National Parks. Each agency maintains separate depositories for fire records.[5/] Sometimes two or more agencies (or counties in the case of CDF) have an interest in the same fire, and several reports for the same fire may be filed. These data have been combined and reconciled to give a uniform 2-decade set of fire data.

LIMITATIONS

The following limitations to these watershed fire history summaries should be clearly understood by all prospective users:

1. Only fires that burned 100 or more acres are included. Each year between 85-98 percent of the total acreage burned by wildfires in California is accounted for by Class D and E fires (100 acres or more in

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3/ California Department of Water Resources. Index to stream-gaging stations in and adjacent to California. Sacramento. 69 pp., 1960.

4/ These records can be retrieved from the Federal Records Center for use in the Pacific Southwest Station Library, but cannot be sent on inter-library loan. Retrieval requires a minimum of 3 days' notice.

5/ We wish to acknowledge the excellent cooperation we received from these agencies in compiling the basic fire data for this study. Data collected by the Los Angeles County Fire Department were included in the CDF records and in our compilations.

total size). These large fires represent most of the acreage, even though they are only a small proportion of the number of occurrences (and reports).

2. Only data for the period 1940-1959 are included. Statewide fire records are poorer and less available before 1940. We have not extended the period beyond 1959, the last year before the compilation was begun.

3. Prescribed burns are excluded from the data unless they escaped control and became wildfires. (CDF, Forest and Range Management Section, has "control burn" records for private land and Bureau of Land Management areas since 1945.)

4. Fire records of the Angeles, Cleveland, and San Bernardino National Forests were not compiled. None of our study watersheds was located on these forests.

5. Fires fought by local agencies and not reported to the CDF are excluded. We felt that the area protected by these agencies did not warrant the effort which would be necessary to track down the records, if they exist.

6. Military reservations and small national monuments are excluded. Many fires occur on military reservations for which records are not kept or are not available.

7. No effort was made to differentiate repetitive burns in the data summaries. A single area may have reburned several times in the 20-year period. Cumulative areas and percentages should be considered as equivalent figures.

AVAILABLE COMPILATIONS

Four types of compiled information are available: completely summarized watershed data, punch card fire listings by watersheds, unpunched data by hydrographic regions, and microfilms of individual fire reports.

Watershed summaries (table 1).--For each of the 522 watersheds, we summarized its fire history by using the services of the University of California Computer Center, Berkeley. The name of the watershed, the location of the streamgaging site, and gage numbers each identify the particular watershed area being summarized. In several cases an arbitrary State gage number containing an alphabetic character as the third digit has been assigned. The watershed area in square miles is given. Part of some watershed areas were deleted from the gross area. 6/

6/ The deviations from total watershed area are footnoted in the depository copy of tables 1 and 3.

Each fire is chronologically listed and summarized. Each fire is located and identified by the State gage number of the subwatershed in which it occurred and by the date of fire origin. One fire may be listed more than once if it burned in several upstream watershed units. But the total area burned in each watershed would not exceed the fire area shown in the original report.

A subjective assessment of the record quality was made when the fires were allocated to watersheds. This assessment is called the "reliability code." Four codes that indicate the most serious errors in the compilation are emphasized so that the validity of the record may be evaluated:

04 The estimated acreage on two reports for the same fire differed by 100 acres or more. The acreage used was based on a subjective evaluation of the appearance of the two reports. A cumulative count of these has been kept.

08 Because of the large fire size, the estimated percent of total burned area within a subwatershed unit may be subject to rounding errors greater than 100 acres. A cumulative count of these has been kept.

11 Only a portion of the fire report was available and the total burned area exceeded the portion reported. A cumulative count of these has been kept.

01 No map was available for this fire and the location of origin was near a watershed boundary. An arbitrary allocation of the fire area was made to one or more watersheds. An acreage count of fires of this type was maintained.

Watershed fire listing (table 2).--This table gives detail about each fire occurrence and can also be used as an index to locate the original fire report or its microfilm. A full explanation of the coding used in this table is attached to the depository library copy of the data. If the user desires more information, he should consult the original fire records. The listing identifies each fire sufficiently so that the particular fire report may be traced to its original form or microfilm.

Table 3 lists the accumulated burned area for the 20 years, percentage of area burned, and reliability codes for each of the 522 watersheds, and footnotes any deviations from total watershed area. It is a summary of the accumulated data in table 1.

Unpunched data by hydrologic regions.--Forms for fires which burned outside of our study watersheds were filed by DWR hydrographic region. Currently, we do not plan to make further subdivision of this data, although the limited number of fires in each hydrographic region

would make the task comparatively easy. These fire forms contain all the information specified in table 2 except for the reliability coding.

Original fire reports and microfilms.--Original fire reports are stored by the various agencies at scattered locations throughout California. These reports are not readily accessible, but can be consulted. We microfilmed the CDF and NPS fire reports, and a copy of this microfilm is available as an inter-library loan by applying to the Librarian of this Station. We discovered after the reports had been returned to the CDF that the microfilm rolls numbered 6 and 11 were badly out of focus. But the remaining eight rolls are quite usable.

Forest Service fire records for California have recently been microfilmed by the Pacific Southwest Station for use in fire research.

TABLE 1. EXAMPLE OF WATERSHED FIRE SUMMARY

WATERSHED NAME AND LOCATION	STATE AND USGS NUMBERS	AREA
EEL R SF NR BRANSCOMB	F64300 11-4755.00	43.90000

SUB WATER-SHED NAME (1)	FIRE DATE M (2)	D (3)	Y (4)	INDIVIDUAL FIRE AREA IN ACRES (5)	INDIVIDUAL FIRE AREA IN PERCENT (6)	CUMULATIVE FIRE AREA IN ACRES (7)	CUMULATIVE FIRE AREA IN PERCENT (8)	FIRE CODE NUM (9)	RELIABILITY CODE INFORMATION FREQUENCY OF FIRES IN CLASSES 04 (10)	08 (11)	11 (12)	TOTAL AREA IN CLASS 01 (13)
F64300	5	25	44	100.	0.4	100.	0.4	0	0	0	0	0.
F64300	9	15	45	1125.	4.0	1225.	4.4	0	0	0	0	0.
F64300	5	5	46	175.	0.6	1400.	5.0	0	0	0	0	0.
F64300	6	29	47	550.	2.0	1950.	6.9	0	0	0	0	0.
F64300	7	12	50	100.	0.4	2050.	7.3	0	0	0	0	0.
F64300	9	2	50	1001.	3.6	3051.	10.9	8	0	1	0	0.
F64300	9	3	55	4051.	14.4	7102.	25.3	0	0	1	0	0.

TABLE 2. EXAMPLE OF WATERSHED FIRE LISTING

WATERSHED NAME AND LOCATION	DWR GAGE NO.	USGS GAGE NUMBER	DRAIN AREA SQU. MILES	NO FIRES	UP-STR. UNIT	LOC OF GAGE TWP	RGE	SEC
EEL R SF NR BRANSCOMB	F64300	11-4755.00	43.9	7		22N	16W	32

DATE STARTED (1)	(2)	(3)	TOTAL AREA ACRES (4)	PER CENT IN UNIT (5)	DWR U. NUMBER (6)	FIRE ORIGIN TWP (7)	RGE (8)	SEC (9)	RELIAB CODE (10)	ORIGIN COUNTY (11)	AGCY CODE (12)	FIRE NO. (13)	MICROFILM ROLL (14)	FRAME (15)
5	25	44	100	100.0000	F64300	21N	16W	17	00	23	00	15	07	0849
9	15	45	1500	75.0000	F64300	21N	16W	5	00	23	00	152	08	0379
5	5	46	175	100.0000	F64300	21N	16W	8	00	23	00	8	08	0792
6	29	47	550	100.0000	F64300	21N	16W	9	00	23	00	45	09	0178
7	12	50	100	100.0000	F64300	21N	16W	35	00	23	00	84	09	0965
9	2	50	20015	5.0000	F64300	20N	15W	2	08	23	00	224	09	0379
9	3	55	8620	47.0000	F64300	21N	15W	19	00	23	00	171	12	0294

TABLE 3. ACCUMULATED FIRE HISTORIES, 1940-1959

WATERSHED NAME AND LOCATION	GAGE NUMBER	U.S.G.S.	AREA SQUARE MILES	CUMULATIVE FIRE AREA ACRES	PERCENT	RELIABILITY CODES FREQ OF FIRE IN 04	CLASSES 08	11	TOTAL AREA IN CLASS 01	FOOTNOTES
SACRAMENTO R NR RED BLUFF	A02780	11-3780.00	9300.	446293.	7.5	7	17	1	2008.	1
ELDER C A GERBER	A03320	11-3805.00	142.	300.	0.3	0	0	0	0.	
RED BANK C NR RED BLUFF	A03460	11-3788.00	89.	250.	0.4	0	0	0	0.	
COTTONWOOD C NR COTTONWOOD	A03520	11-3760.00	945.	132786.	22.0	3	4	0	0.	
COTTONWOOD C DRY F SF NR COTWD	A03565	11-3758.60	151.	25785.	26.7	1	0	0	0.	
COTTONWOOD C MF NR ONO	A03580	11-3744.00	249.	33823.	21.2	0	0	0	0.	
COTTONWOOD C SF NR COTTONWOOD	A03595	11-3758.20	218.	16350.	11.7	2	0	0	0.	
BUTTE C NR DURHAM	A04265	11-3900.10	150.	7241.	7.5	0	1	0	0.	
MILL C NR MOUTH NR RED BLUFF	A04420	11-3816.00	100.	*	*	-	-	-	-	
PAYNES C NR RED BLUFF	A04620	11-3775.00	92.5	28716.	48.5	1	1	0	0.	
GOLD RUN TRIBUTARY NR NELSON	A05175	11-3902.00	1.31	*	*	-	-	-	-	
S HONCUT C NR BANGOR	A05775	11-4075.00	30.5	17734.	90.9	0	3	0	0.	
PUTAH C NR DAVIS	A09130	11-4550.00	636.	206346.	50.7	1	19	0	0.	
BLODGETT RESERVOIR	A0R077		3.12	*	*	-	-	-	-	2
GERBER RESERVOIR	A0R097		.31	*	*	-	-	-	-	2
COTTONWOOD C TRIB NR COTTONWD	A0X030	11-3757.00	.44	*	*	-	-	-	-	3
VALE GULCH TRIB NR RED BANK	A0X033		.19	*	*	-	-	-	-	3
SALT C NR WILLIAMS	A0X108		12.9	411.	5.0	0	0	0	0.	3
WYMAN RAVINE TRIB NR PALERMO	A0X110		1.72	*	*	-	-	-	-	3
DRY C TRIB NR ROSEVILLE	A0X113		.39	*	*	-	-	-	-	3
HORSE C AT LITTLE VALLEY	A11349	11-3525.00	203.	5790.	4.5	0	0	0	0.	
PINE C NR ALTURAS	A14100	11-3475.00	31.	*	*	-	-	-	-	
BURNEY C NR BURNEY	A15150	11-3605.00	87.2	320.	0.6	0	0	0	0.	
HAT C NR HAT CREEK	A16450	11-3555.00	122.	*	*	-	-	-	-	
WILLOW C NR ADIN	A18150	11-3510.00	59.	2467.	6.5	0	0	0	0.	
WILLOW C NR ADIN	A18170	11-3510.00	50.	1408.	4.4	0	0	0	0.	
BUTTE C NR ADIN	A18250	11-3506.00	20.	440.	3.4	0	0	0	0.	
ASH C AT ADIN	A18350	11-3505.00	249.	2533.	1.6	0	0	0	0.	
RUSH C NR ADIN	A18400	11-3500.00	38.	*	*	-	-	-	-	
SACRAMENTO R AT ANTLER	A21200	11-3425.00	461.	8298.	2.8	0	0	0	0.	
SACRAMENTO R AT DELTA	A21300	11-3420.00	427.	6053.	2.2	0	0	0	0.	
SACRAMENTO R NR MT SHASTA	A21600	11-3414.00	115.	1590.	2.2	0	0	0	0.	
MCCLOUD R AT BAIRD	A22050	11-3690.00	690.	1916.	0.4	0	0	0	0.	
MCCLOUD R ABOVE SHASTA LAKE	A22150	11-3680.00	606.	1134.	0.3	0	0	0	0.	
MCCLOUD R NR MCCLOUD	A22480	11-3675.00	382.	315.	0.1	0	0	0	0.	

TABLE 3. CONTINUED

SQUAW C ABOVE SHASTA LAKE	A24100	11-3655.00	65.3	124.	0.3	0	0	0	0.	
BOULDER C NR LAMOINE	A2X026		6.68	646.	15.1	0	0	0	0.	
GRINDSTONE C NR ELK C	A31300	11-3865.00	172.	7285.	6.6	0	0	0	0.	
THOMES C AT PASKENTA	A32120	11-3820.00	188.	1506.	1.3	0	0	0	0.	
ELDER C NR PASKENTA	A33110	11-3795.00	95.8	1534.	2.5	0	0	0	0.	
CLEAR CK NR IGO	A36130	11-3720.00	228.	21840.	15.0	0	4	0	0.	
CLEAR C AT FRENCH GULCH	A36230	11-3710.00	115.	8018.	10.9	0	1	0	0.	
EAST PARK RESERVOIR	A3R095		101.5	16876.	26.0	0	0	0	0.	2
STONY GORGE RESERVOIR	A3R098		199.3	38105.	29.9	0	1	0	0.	2
MUSSELBECK RESERVOIR	A3R099		11.8	1889.	25.0	0	1	0	0.	2
BUDDEN CANYON NR BEEGUM	A3X029	11-3758.30	1.09	690.	98.9	0	0	0	0.	3
THOMES C TRIB AT PASKENTA	A3X034	11-3819.90	.64	*	*	-	-	-	-	3
GILMORE C NR LODOGA	A3X105		.49	84.	26.8	0	0	0	0.	3
GRINDSTONE C TRIB NR ELK CREEK	A3X106		.8	512.	100.0	0	0	0	0.	3
MASTERSON HOLLOW C NR NEWVILLE	A3X107		.93	*	*	-	-	-	-	3
BEAR C NR MILLVILLE	A40750	11-3741.00	75.3	2502.	5.2	0	0	0	0.	
BIG CHICO C NR CHICO	A42110	11-3840.00	67.9	5971.	13.7	0	0	0	0.	
DEER C NR VINA	A43110	11-3835.00	200.	4017.	3.1	1	0	0	0.	
MILL C NR LOS MOLINOS	A44110	11-3815.00	134.	9296.	10.8	0	0	0	0.	
ANTELOPE C NR RED BLUFF	A45110	11-3790.00	124.	11117.	14.0	0	1	0	0.	
BATTLE C NR COTTONWOOD	A47110	11-3765.00	362.	14022.	6.1	1	1	0	0.	
BATTLE C SF NR MINERAL	A47300	11-3764.00	33.	*	*	-	-	-	-	
COW C NR MILLVILLE	A48110	11-3740.00	427.	41919.	15.3	0	2	1	0.	
OAK RUN C NR OAK RUN	A48200	11-3732.00	11.1	298.	4.2	0	0	0	0.	
SALT C NR BELLA VISTA	A48375	11-3734.00	14.	2257.	25.2	0	0	1	0.	
LITTLE COW C NR INGOT	A48400	11-3733.00	60.6	7638.	19.7	0	0	0	0.	
S COW C NR MILLVILLE	A48500	11-3722.00	78.7	1853.	3.7	0	0	0	0.	
MAGALIA RESERVOIR	A4R080		8.23	*	*	-	-	-	-	2
WILLOW C NR ROUND MOUNTAIN	A4X027		2.66	*	*	-	-	-	-	3
SUMMIT C NR MINERAL	A4X031		1.80	*	*	-	-	-	-	3
SHINGLE C NR SHINGLETOWN	A4X032		3.25	56.	2.7	0	0	0	0.	3
FEATHER R NR OROVILLE	A51140	11-4070.00	3611.	121902.	5.3	1	3	0	0.	
GRIZZLY C NR STORIE	A53250	11-4040.00	5.3	*	*	-	-	-	-	
BUTT C ABV ALMADOR BUTT TUNNEL	A53530	11-4000.00	67.	*	*	-	-	-	-	
LAKE ALMANOR NR PRATVL A5R040	A53630	11-3990.00	506.	2364.	0.7	0	0	0	0.	
FEATHER R EB OF NF NR RICH BAR	A54070	11-4030.00	1035.	19554.	3.0	0	0	0	0.	
SPANISH C NR QUINCY	A54250	11-4019.00	69.1	144.	0.3	0	0	0	0.	
INDIAN C NR CRESENT MILLS	A54320	11-4015.00	746.	10794.	2.3	0	0	0	0.	
INDIAN C NR TAYLORSVILLE	A54370	11-4012.00	533.	9091.	2.7	0	0	0	0.	
RED CLOVER C NR GENESEE	A54450	11-4011.50	122.	*	*	-	-	-	-	

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WATERSHED NAME AND LOCATION	GAGE NUMBER	U.S.G.S.	AREA SQUARE MILES	CUMULATIVE FIRE AREA ACRES	PERCENT	RELIABILITY CODES FREQ OF FIRE CLASSES IN 04	08	11	TOTAL AREA IN CLASS 01	FOOTNOTES
SACRAMENTO R NR RED BLUFF	A02780	11-3780.00	9300.	446293.	7.5	7	17	1	2008.	1
ELDER C A GERBER	A03320	11-3805.00	142.	300.	0.3	0	0	0	0.	
RED BANK C NR RED BLUFF	A03460	11-3788.00	89.	250.	0.4	0	0	0	0.	
COTTONWOOD C NR COTTONWOOD	A03520	11-3760.00	945.	132786.	22.0	3	4	0	0.	
COTTONWOOD C DRY F SF NR COTWD	A03565	11-3758.60	151.	25785.	26.7	1	0	0	0.	
COTTONWOOD C MF NR ONO	A03580	11-3744.00	249.	33823.	21.2	0	0	0	0.	
COTTONWOOD C SF NR COTTONWOOD	A03595	11-3758.20	218.	16350.	11.7	2	0	0	0.	
BUTTE C NR DURHAM	A04265	11-3900.10	150.	7241.	7.5	0	1	0	0.	
MILL C NR MOUTH NR RED BLUFF	A04420	11-3816.00	100.	*	*	-	-	-	-	
PAYNES C NR RED BLUFF	A04620	11-3775.00	92.5	28716.	48.5	1	1	0	0.	
GOLD RUN TRIBUTARY NR NELSON	A05175	11-3902.00	1.31	*	*	-	-	-	-	
S HONCUT C NR BANGOR	A05775	11-4075.00	30.5	17734.	90.9	0	3	0	0.	
PUTAH C NR DAVIS	A09130	11-4550.00	636.	206346.	50.7	1	19	0	0.	
BLODGETT RESERVOIR	A0R077		3.12	*	*	-	-	-	-	2
GERBER RESERVOIR	A0R097		.31	*	*	-	-	-	-	2
COTTONWOOD C TRIB NR COTTONWD	A0X030	11-3757.00	.44	*	*	-	-	-	-	3
VALE GULCH TRIB NR RED BANK	A0X033		.19	*	*	-	-	-	-	3
SALT C NR WILLIAMS	A0X108		12.9	411.	5.0	0	0	0	0.	3
WYMAN RAVINE TRIB NR PALERMO	A0X110		1.72	*	*	-	-	-	-	3
DRY C TRIB NR ROSEVILLE	A0X113		.39	*	*	-	-	-	-	3
HORSE C AT LITTLE VALLEY	A11349	11-3525.00	203.	5790.	4.5	0	0	0	0.	
PINE C NR ALTURAS	A14100	11-3475.00	31.	*	*	-	-	-	-	
BURNEY C NR BURNEY	A15150	11-3605.00	87.2	320.	0.6	0	0	0	0.	
HAT C NR HAT CREEK	A16450	11-3555.00	122.	*	*	-	-	-	-	
WILLOW C NR ADIN	A18150	11-3510.00	59.	2467.	6.5	0	0	0	0.	
WILLOW C NR ADIN	A18170	11-3510.00	50.	1408.	4.4	0	0	0	0.	
BUTTE C NR ADIN	A18250	11-3506.00	20.	440.	3.4	0	0	0	0.	
ASH C AT ADIN	A18350	11-3505.00	249.	2533.	1.6	0	0	0	0.	
RUSH C NR ADIN	A18400	11-3500.00	38.	*	*	-	-	-	-	
SACRAMENTO R AT ANTLER	A21200	11-3425.00	461.	8298.	2.8	0	0	0	0.	
SACRAMENTO R AT DELTA	A21300	11-3420.00	427.	6053.	2.2	0	0	0	0.	
SACRAMENTO R NR MT SHASTA	A21600	11-3414.00	115.	1590.	2.2	0	0	0	0.	
MCCLOUD R AT BAIRD	A22050	11-3690.00	690.	1916.	0.4	0	0	0	0.	
MCCLOUD R ABOVE SHASTA LAKE	A22150	11-3680.00	606.	1134.	0.3	0	0	0	0.	
MCCLOUD R NR MCCLOUD	A22480	11-3675.00	382.	315.	0.1	0	0	0	0.	

TABLE 3. CONTINUED

SQUAW C ABOVE SHASTA LAKE	A24100	11-3655.00	65.3	124.	0.3	0	0	0	0.	
BOULDER C NR LAMOINE	A2X026		6.68	646.	15.1	0	0	0	0.	
GRINDSTONE C NR ELK C	A31300	11-3865.00	172.	7285.	6.6	0	0	0	0.	
THOMES C AT PASKENTA	A32120	11-3820.00	188.	1506.	1.3	0	0	0	0.	
ELDER C NR PASKENTA	A33110	11-3795.00	95.8	1534.	2.5	0	0	0	0.	
CLEAR CK NR IGO	A36130	11-3720.00	228.	21840.	15.0	0	4	0	0.	
CLEAR C AT FRENCH GULCH	A36230	11-3710.00	115.	8018.	10.9	0	1	0	0.	
EAST PARK RESERVOIR	A3R095		101.5	16876.	26.0	0	0	0	0.	2
STONY GORGE RESERVOIR	A3R098		199.3	38105.	29.9	0	1	0	0.	2
MUSSELBECK RESERVOIR	A3R099		11.8	1889.	25.0	0	1	0	0.	2
BUDDEN CANYON NR BEEGUM	A3X029	11-3758.30	1.09	690.	98.9	0	0	0	0.	3
THOMES C TRIB AT PASKENTA	A3X034	11-3819.90	.64	*	*	-	-	-	-	3
GILMORE C NR LODOGA	A3X105		.49	84.	26.8	0	0	0	0.	3
GRINDSTONE C TRIB NR ELK CREEK	A3X106		.8	512.	100.0	0	0	0	0.	3
MASTERSON HOLLOW C NR NEWVILLE	A3X107		.93	*	*	-	-	-	-	3
BEAR C NR MILLVILLE	A40750	11-3741.00	75.3	2502.	5.2	0	0	0	0.	
BIG CHICO C NR CHICO	A42110	11-3840.00	67.9	5971.	13.7	0	0	0	0.	
DEER C NR VINA	A43110	11-3835.00	200.	4017.	3.1	1	0	0	0.	
MILL C NR LOS MOLINOS	A44110	11-3815.00	134.	9296.	10.8	0	0	0	0.	
ANTELOPE C NR RED BLUFF	A45110	11-3790.00	124.	11117.	14.0	0	1	0	0.	
BATTLE C NR COTTONWOOD	A47110	11-3765.00	362.	14022.	6.1	1	1	0	0.	
BATTLE C SF NR MINERAL	A47300	11-3764.00	33.	*	*	-	-	-	-	
COW C NR MILLVILLE	A48110	11-3740.00	427.	41919.	15.3	0	2	1	0.	
OAK RUN C NR OAK RUN	A48200	11-3732.00	11.1	298.	4.2	0	0	0	0.	
SALT C NR BELLA VISTA	A48375	11-3734.00	14.	2257.	25.2	0	0	1	0.	
LITTLE COW C NR INGOT	A48400	11-3733.00	60.6	7638.	19.7	0	0	0	0.	
S COW C NR MILLVILLE	A48500	11-3722.00	78.7	1853.	3.7	0	0	0	0.	
MAGALIA RESERVOIR	A4R080		8.23	*	*	-	-	-	-	2
WILLOW C NR ROUND MOUNTAIN	A4X027		2.66	*	*	-	-	-	-	3
SUMMIT C NR MINERAL	A4X031		1.80	*	*	-	-	-	-	3
SHINGLE C NR SHINGLETOWN	A4X032		3.25	56.	2.7	0	0	0	0.	3
FEATHER R NR OROVILLE	A51140	11-4070.00	3611.	121902.	5.3	1	3	0	0.	
GRIZZLY C NR STORIE	A53250	11-4040.00	5.3	*	*	-	-	-	-	
BUTT C ABV ALMADOR BUTT TUNNEL	A53530	11-4000.00	67.	*	*	-	-	-	-	
LAKE ALMANOR NR PRATVL A5RC40	A53630	11-3990.00	506.	2364.	0.7	0	0	0	0.	
FEATHER R EB OF NF NR RICH BAR	A54070	11-4030.00	1035.	19554.	3.0	0	0	0	0.	
SPANISH C NR QUINCY	A54250	11-4019.00	69.1	144.	0.3	0	0	0	0.	
INDIAN C NR CRESENT MILLS	A54320	11-4015.00	746.	10794.	2.3	0	0	0	0.	
INDIAN C NR TAYLORSVILLE	A54370	11-4012.00	533.	9091.	2.7	0	0	0	0.	
RED CLOVER C NR GENESEE	A54450	11-4011.50	122.	*	*	-	-	-	-	

TABLE 3. ACCUMULATED FIRE HISTORIES, 1940-1959

WATERSHED NAME AND LOCATION	GAGE NUMBER	U.S.G.S.	AREA SQUARE MILES	CUMULATIVE FIRE AREA ACRES	CUMULATIVE FIRE AREA PERCENT	RELIABILITY CODES FREQ OF FIRE CLASSES IN 04	08	11	TOTAL AREA IN CLASS 01	FOOTNOTES
LIGHTS C NR TAYLORVILLE	A54570	11-4013.00	57.6	1450.	3.9	0	0	0	0.	
FEATHER R MF NR MERRIMAC	A55100	11-3945.00	1078.	33280.	4.8	0	0	0	0.	
FEATHER R MF BELOW SLOAT	A55230	11-3935.00	836.	31200.	5.8	0	0	0	0.	
BIG GRIZZLY C NR PORTOLA	A55380	11-3915.00	44.6	*	*	-	-	-	-	
FEATHER R MF NR PORTOLA	A55420	11-3921.00	575.	27909.	7.6	0	0	0	0.	
LITTL LAST CHANCE C NR CHILCOT	A55520	11-3914.00	84.2	709.	1.3	0	0	0	0.	
SMITHNECK C NR LOYALTON	A55620	11-3914.70	31.6	2686.	13.3	0	0	0	0.	
MILLER C NR SATTLEY	A55720	11-3914.60	7.6	*	*	-	-	-	-	
BULLARDS BAR RESERVOIR A6R078	A62130		480.	6988.	2.3	0	0	0	0.	
N YUBA R BL GOODYEARS BAR	A62270	11-4130.00	245.	2646.	1.7	0	0	0	0.	
N YUBA R NR SIERRA CITY	A62520	11-4105.00	91.8	92.	0.2	0	0	0	0.	
OREGON C NR N SAN JUAN	A63170	11-4095.00	34.4	14221.	64.6	0	0	0	0.	
S YUBA R NR CISCO	A64700	11-4140.00	51.5	160.	0.5	0	0	0	0.	
UPPER CASTLE C AT SODA SPRINGS	A6X546	11-4139.00	3.96	*	*	-	-	-	-	5
AMERICAN R NF AT NF DAM	A72200	11-4270.00	343.	8032.	3.7	0	1	0	0.	
ONION C NR SODA SPRINGS	A72800	11-4261.50	3.58	*	*	-	-	-	-	
ONION C TRIB NO7 NR SODA SPRNG	A72801	11-4261.60	.80	*	*	-	-	-	-	
ONION C TRIB NO1 NR SODA SPRNG	A72803	11-4261.40	.19	*	*	-	-	-	-	
ONION C TRIB NO2 NR SODA SPRNG	A72805	11-4261.30	.48	*	*	-	-	-	-	
ONION C TRIB NO3 NR SODA SPRNG	A72806	11-4261.10	.65	*	*	-	-	-	-	
ONION C TRB NO5A NR SODA SPRNG	A72808	11-4261.20	.39	*	*	-	-	-	-	
AMERICAN R MF NR AUBURN	A73100	11-4335.00	619.	7553.	1.9	0	0	0	0.	
AMERICAN R MF AT FRENCH MEADOW	A73400	11-4275.00	46.7	*	*	-	-	-	-	
AMERICAN R SF NR LOTUS	A74150	11-4455.00	678.	50712.	11.7	0	5	0	0.	
SILVER C NR PLACERVILLE	A74370	11-4420.00	177.	7207.	6.4	0	3	0	0.	
SILVER C SF NR ICE HOUSE	A74400	11-4415.00	27.2	1486.	8.5	0	1	0	0.	
SILVER C AT UNION VALLEY	A74430	11-4410.00	82.7	160.	0.3	0	0	0	0.	
PLUM C NR RIVERTON	A74500	11-4405.00	6.8	*	*	-	-	-	-	
LAKE COMBIE ACTUALLY IN A6	A7R079		130.	2180.	2.6	0	1	0	0.	4
BEAR C NR RUMSEY	A81250	11-4517.20	96.8	17607.	28.4	0	0	0	0.	
COPSEY C NR LOWER LAKE	A81360	11-4506.00	12.	5659.	73.7	0	1	0	0.	
KELSEY C NR KELSEYVILLE	A81500	11-4495.00	37.2	1625.	6.8	0	0	0	0.	
HIGHLAND C NR KELSEYVILLE	A81600	11-4490.00	12.	5069.	62.4	0	0	0	0.	
ADOBE C NR KELSEYVILLE	A81670	11-4485.00	6.39	1467.	35.9	0	0	0	0.	
MIDDLE C NR UPPER LAKE	A81760	11-4492.00	45.	2853.	9.9	0	0	0	0.	

TABLE 3. CONTINUED

SCOTT C NR LAKEPORT	A81850	11-4491.00	54.	19016.	55.0	0	1	0	0.	
CACHE C NF NR LOWER LAKE	A82050	11-4515.00	198.	43420.	34.3	1	0	0	0.	
BEAR C TRIB NR WILBUR SPRINGS	A8X112		4.50	363.	12.6	0	0	0	0.	3
PLEASANTS C NR WINTERS	A91160	11-4541.00	20.	7731.	60.4	0	1	0	0.	
PUTAH C NR WINTERS	A91250	11-4540.00	557.	169826.	47.6	1	14	0	0.	
PUTAH C NR GUENOC	A91600	11-4535.00	112.	35787.	49.9	0	3	0	0.	
DRY C NR MIDDLETOWN	A91700	11-4532.00	8.41	5144.	95.6	0	0	0	0.	
CAPELL C TRIB NR WOODEN VALLEY	A9X234		.87	*	*	-	-	-	-	3
COSUMNES R AT MCCONNELL	B01125	11-3360.00	730.	39802.	8.5	0	0	0	0.	
DRY C NR GALT DWR IS B01520	B01510	11-3295.00	325.	15446.	7.4	0	1	0	0.	
DEER C NR SLOUGH HOUSE	B01580	11-3357.00	46.9	2174.	7.2	0	0	0	0.	
BEAR C NR LOCKEFORD	B02045	11-3120.00	47.6	671.	2.2	0	0	0	0.	
COSUMNES R AT MICHIGAN BAR	B11150	11-3350.00	537.	32467.	9.4	0	0	0	0.	
COSUMNES R NR PLYMOUTH	B11225	11-3345.00	429.	16558.	6.0	0	0	0	0.	
COSUMNES R NF NR EL DORADO	B12100	11-3335.00	202.	7869.	6.1	0	0	0	0.	
PARK C NR POLLOCK PINES	B12360	11-3325.00	14.4	*	*	-	-	-	-	
CAMP C NR CAMINO	B12450	11-3315.00	33.	*	*	-	-	-	-	
COSUMNES R NF A COSUM MINE	B12700	11-3300.00	36.9	*	*	-	-	-	-	
COSUMNES R MF NR SOMERSET	B13150	11-3342.00	108.	100.	0.1	0	0	0	0.	
COSUMNES R SF NR RIVER PINES	B14100	11-3343.00	64.3	1596.	3.9	0	0	0	0.	
SUTTER C NR SUTTER C	B15250	11-3270.00	50.6	1576.	4.9	0	0	0	0.	
BIG CANYON RESERVOIR	B1R076		5.5	436.	12.4	0	0	0	0.	2
MOKELUMNE R NR MOKELUMNE HILL	B21375	11-3195.00	538.	12422.	3.6	0	0	0	0.	
COLE CK NR MOKELUMNE PEAK	B22560	11-3150.00	23.0	*	*	-	-	-	-	
N F MOKELUMNE BL SALT SPR DAM	B22660	11-3145.00	160.	*	*	-	-	-	-	
MIDDLE FRK MOKELUMNE AT WPOINT	B23100	11-3170.00	67.2	1277.	3.0	0	0	0	0.	
S F MOKELUMNE NR WEST POINT	B24100	11-3185.00	73.8	1385.	2.9	0	0	0	0.	
COSGROVE C NR VALLEY SPRINGS	B25200	11-3090.00	20.6	1715.	13.0	0	0	0	0.	
MURRAY C NR SAN ANDREAS	B26100	11-3085.00	23.5	5025.	33.4	0	0	0	0.	
CALAVERAS R NF NR SAN ANDREAS	B26150	11-3080.00	85.7	14504.	26.4	0	3	0	0.	
JESUS MARIA C NR MOKELUMNE HIL	B26200	11-3075.00	34.7	4205.	18.9	0	1	0	0.	
CALAVERITAS C NR SAN ANDREAS	B26250	11-3065.00	53.3	17221.	50.5	0	2	0	0.	
ESPERANZA C NR MOKELUMNE HILL	B26300	11-3070.00	16.7	4076.	38.1	0	1	0	0.	
CALAVERAS R SF NR SAN ANDREAS	B27100	11-3060.00	118.	19692.	26.1	0	3	0	0.	
SAN ANTONIO C NR SAN ANDREAS	B27150	11-3055.00	46.6	6953.	23.3	0	2	0	0.	
LOWER BEAR LAKE RESERVOIR	B2R030		37.0	1708.	7.2	0	0	0	0.	5
PARDEE RESERVOIR NR VALLEY SPR	B2R073	11-3200.00	578.	13218.	3.6	0	0	0	0.	2
UPPER BEAR RIVER	B2R075		28.5	450.	2.5	0	0	0	0.	2
BEAR C NR VALLEY SPRINGS	B2X103		.48	*	*	-	-	-	-	3
HIGHLAND C BL SPICER MEAD. RES	B32150	11-2940.00	43.	*	*	-	-	-	-	

TABLE 3. ACCUMULATED FIRE HISTORIES, 1940-1959

WATERSHED NAME AND LOCATION	GAGE NUMBER	U.S.G.S.	AREA SQUARE MILES	CUMULATIVE FIRE AREA ACRES	CUMULATIVE FIRE AREA PERCENT	RELIABILITY CODES FREQ OF FIRE IN 04	CLASSES 08	11	TOTAL AREA IN CLASS 01	FOOTNOTES
STANISLAUS R CLKF NR DARDANELL	B33470	11-2925.00	65.7	539.	1.3	0	0	0	0.	
M F STANISLAUS AT KENNEDY MEAD	B33550	11-2920.00	49.6	*	*	-	-	-	-	
LYONS RESERVOIR B3R071	B34220		66.	2214.	5.2	0	0	0	0.	
S F STANISLAUS AT STRAWBERRY	B34350	11-2972.00	45.5	*	*	-	-	-	-	
COPPEROPOLIS RESERVOIR	B3R063		2.06	1305.	99.0	0	1	0	0.	2
DON PEDRO RESERVOIR B5R066	B41150	11-2875.00	1539.	93464.	9.5	0	3	0	0.	
BIG C NR GROVELAND	B41360	11-2845.00	25.	592.	3.7	0	0	0	0.	
CHERRY C NR HETCH HETCHY	B41560	11-2770.00	111.	*	*	-	-	-	-	
FALLS C NR HETCH HETCHY	B41780	11-2750.00	45.2	*	*	-	-	-	-	
TUOLUMNE R NF AB DYER C NR TUO	B42250	11-2850.00	68.7	17029.	38.7	0	1	0	0.	
CLAVEY R NR BUCK MEADOWS	B43007	11-2835.00	144.	8904.	9.7	0	1	0	0.	
TUOLUMNE R M A OAKLAN REC CAMP	B44100	11-2820.00	71.	5299.	11.7	0	0	0	0.	
TUOLUMNE R SF NR OAK REC CAMP	B45150	11-2810.00	87.6	964.	1.7	0	0	0	0.	
MAXWELL C AT COULTERVILLE	B51250	11-2683.00	17.	448.	4.1	0	0	0	0.	
MERCED R AT BAGBY	B51320	11-2685.00	912.	28512.	4.9	0	3	0	0.	
MERCED R AT POHO BRG NR YSMNTE	B51520	11-2665.00	321.	140.	0.1	0	0	0	0.	
TENAYA C NR YOSEMITE	B51640	11-2660.00	47.	*	*	-	-	-	-	
MERCED R A HAPIS BRG NR YSMNTE	B51700	11-2645.00	181.	140.	0.1	0	0	0	0.	
MERCED R NF NR COULTERVILLE	B52600	11-2684.00	30.	1611.	8.4	0	1	0	0.	
MERCED R SF NR EL PORTAL	B54100	11-2680.00	239.	1375.	0.9	0	0	0	0.	
MERCED R SF AT WAWONA	B54320	11-2673.00	99.2	262.	0.4	0	0	0	0.	
BEAR C NR CATHAY	B55400	11-2602.00	24.6	1072.	6.8	0	1	0	0.	
BURNS C AT HORNITOS	B56400	11-2602.25	26.7	3507.	20.5	0	0	0	0.	
EXCHEQUER RESERVOIR	B5R067		1027.	52838.	8.0	0	4	0	0.	2
LAGRANGE RESERVOIR	B5R070		1548.	95741.	9.7	0	3	0	0.	2
BEAR C TRIB NR CATHAY	B5X101		1.73	*	*	-	-	-	-	3
HAYWARD C NR LA GRANGE	B5X102		3.96	800.	31.6	0	0	0	0.	3
MARIPOSA C NR CATHAY	B62400	11-2604.80	66.	12062.	28.6	0	0	0	0.	
CHOWCHILLA R AT BUCHANAN DAM S	B64160	11-2590.00	238.	37663.	24.7	2	1	0	260.	
STRIPED ROCK C NR RAYMOND	B64260	11-2589.40	17.1	467.	4.3	0	0	0	0.	
CHOWCHILLA R WF NR MARIPOSA	B64300	11-2589.00	33.6	2385.	11.1	0	0	0	0.	
CHOWCHILLA R MF NR NIPPINNAWAS	B64360	11-2589.20	12.3	1853.	23.5	0	0	0	0.	
CHOWCHILLA R EF NR AHWAHNEE	B64400	11-2588.00	57.7	16911.	45.8	2	0	0	0.	
MIAMI C NR OAKHURST	B67300	11-2571.00	10.5	*	*	-	-	-	-	
CRANE VALLEY RESERVOIR	B6R064		54.5	126.	0.4	0	0	0	0.	2

TABLE 3. CONTINUED

PICAYUNE C NR COARSEGOLD	B6X364	11-2577.00	7.96	50.	1.0	0	0	0	0.	3
FRESNO C TRIB NR RAYMOND	B6X365	11-2578.00	.052	*	*	-	-	-	-	3
COTTONWOOD C NR FRIANT	B71110	11-2505.00	34.4	763.	3.5	0	0	0	0.	
FINE GOLD C NR FRIANT	B71140	11-2480.00	92.8	2676.	4.5	0	0	0	0.	
BIG SANDY C NR AUBERRY	B71160	11-2475.00	27.4	1787.	10.2	0	0	1	0.	
BIG CK BL HUNTINGTON LAKE	B71460	11-2370.00	80.0	*	*	-	-	-	-	
CHIQUITE C NR ARNOLD MEADOW	B71550	11-2345.00	59.6	*	*	-	-	-	-	
JACKASS C NR JACKASS MEADOW	B71630	11-2325.00	12.8	*	*	-	-	-	-	
GRANITE C NR CATTLE MOUNTAIN	B71650	11-2285.00	47.8	*	*	-	-	-	-	
SAN JOAQUIN R A MILLER XING	B71740	11-2265.00	254.	270.	0.2	0	0	0	0.	
SAN JOAQUIN R NF BL IRON C	B72100	11-2260.00	38.	*	*	-	-	-	-	
MONO C BL LAKE TOM A EDISON	B74150	11-2315.00	92.	*	*	-	-	-	-	
BEAR C NR LAKE TOM A EDISON	B74250	11-2305.00	53.5	*	*	-	-	-	-	
RANCHERIA C TRIB NR LAKESHORE	B7X361	11-2353.00	.68	*	*	-	-	-	-	3
TAMARACK C TRIB SF NR BIG C	B7X362	11-2372.00	1.02	*	*	-	-	-	-	3
BIG SANDY C TRIB NR TOLLHOUSE	B7X363	11-2472.00	.46	*	*	-	-	-	-	3
LITTLE PANOCHE C TR NO.1 NR PA	B8X252		.33	*	*	-	-	-	-	3
LITTLE PANOCHE C TR NO.2 NR PA	B8X253		14.8	513.	5.4	0	0	0	0.	3
DEEP C NR ORO LOMA	B8X254		5.96	3510.	78.8	0	0	0	0.	3
WOLF C NR VOLTA	B8X255		2.82	248.	13.8	0	0	0	0.	3
DEL PUERTO C TRIB NO.1 NR PATT	B8X256		.71	*	*	-	-	-	-	3
DEL PUERTO C TRIB NO.2 NR PATT	B8X257		.4	*	*	-	-	-	-	3
WINDMILL CANYON C NR PATTERSON	B8X258		.99	632.	99.7	0	0	0	0.	3
MARSH C NR BYRON	B97300	11-3375.00	42.5	*	*	-	-	-	-	
MOUNTAIN HOUSE C TRIB NR ALTAM	B9X259		.27	203.	117.4	0	0	0	0.	3
MOUNTAIN HOUSE C NR MIDWAY	B9X260		11.7	1270.	17.0	0	0	0	0.	3
KELLOGG C TRIB NR BYRON	B9X261		1.09	*	*	-	-	-	-	3
LITTLE DRY C NR FRIANT	C01540	11-2515.00	58.	2305.	6.2	0	2	0	0.	
WHITE R NR DUCOR	C04170	11-1995.00	93.7	890.	1.5	0	0	0	0.	
MON CANYON C NR OILDALE	C0X334	11-1980.50	2.38	*	*	-	-	-	-	3
COHO C NR WHITE RIVER	C0X354	11-1993.00	12.9	120.	1.5	0	0	0	0.	3
KINGS RIVER NR DEL PIEDRA	C11100	11-2220.00	1694.	56157.	5.2	0	2	0	0.	
MILL C NR PIEDRA	C11120	11-2217.00	120.	9344.	12.2	0	0	0	0.	
SYCAMORE C AB PINE FLAT RESVOR	C11250	11-2205.00	56.5	155.	0.4	0	0	0	0.	
BIG C AB PINE FLAT RESERVOIR	C11320	11-2200.00	69.2	4774.	10.8	0	1	0	0.	
KINGS R BL NF	C11460	11-2185.00	1350.	30354.	3.5	0	0	0	0.	
KINGS R ABOVE NF	C11490	11-2135.00	956.	27744.	4.5	0	0	0	0.	
KINGS R NR HUME	C11550	11-2130.00	838.	12620.	2.4	0	0	0	0.	
KINGS R NF BL RANCHERIA C	C12300	11-2160.00	225.	5.	0.0	0	0	0	0.	
TEAKETTLE C TRIB 1 NR PAISN MT	C12308	11-2158.40	.77	5.	1.0	0	0	0	0.	

TABLE 3. ACCUMULATED FIRE HISTORIES, 1940-1959

WATERSHED NAME AND LOCATION	GAGE NUMBER U.S.G.S.	AREA SQUARE MILES	CUMULATIVE FIRE AREA ACRES	CUMULATIVE FIRE AREA PERCENT	RELIABILITY CODES FREQ OF FIRE IN CLASSES 04	08	11	TOTAL AREA IN CLASS 01	FOOTNOTES
TEAKTTLE C TRIB 2A NR PATSN MT	C12310	11-2158.30	.27	*	*	-	-	-	-	
TEAKTTLE C TRIB 2 NR PATRSN MT	C12312	11-2158.20	.85	*	*	-	-	-	-	
TEAKETTLE C 3 NR PATTERSON MT	C12314	11-2158.00	.86	*	*	-	-	-	-	
TEAKETTLE C TRIB 7 NR PATSN MT	C12316	11-2158.10	.09	*	*	-	-	-	-	
KINGS R NF NR CLIFF CAMP	C12400	11-2150.00	161.	*	*	-	-	-	-	
HELMS C AT SAND MEADOWS	C12450	11-2145.00	34.7	*	*	-	-	-	-	
POST CORRAL C NR BLACKCAP MT	C12487	11-2144.00	27.9	*	*	-	-	-	-	
FLEMING C NR BLACKCAP MT	C12500	11-2142.00	15.	*	*	-	-	-	-	
KINGS R NF BL MEADOW BROOK	C12520	11-2140.00	37.7	*	*	-	-	-	-	
KINGS R SF NR CEDAR GROVE	C14100	11-2125.00	409.	2039.	0.8	0	0	0	0.	
HUME RESERVOIR	C1R069		24.2	*	*	-	-	-	-	2
GRIZZLY C NR CEDAR GROVE	C1X359	11-2124.50	9.73	29.	0.5	0	0	0	0.	3
BEAR MT C NR SQUAW VALLEY	C1X360	11-2226.00	.14	*	*	-	-	-	-	3
KAWEAH R NR THREE RIVERS	C21200	11-2105.00	520.	7761.	2.3	0	3	0	0.	
KAWEAH R NF AT KAWEAH	C22100	11-2095.00	128.	2324.	2.8	0	2	0	0.	
KAWEAH R MF AT POTWISHA CAMP	C23200	11-2080.00	50.6	*	*	-	-	-	-	
M F KAWEAH R NR POTWISHA CAMP	C23300	11-2065.00	100.16	733.	1.1	0	0	0	0.	
SAND C NR ORANGE COVE	C25100	11-2120.00	32.	624.	3.0	0	0	0	0.	
KAWEAH R TRIB MF NR HAMMOND	C2X357	11-2085.00	1.9	*	*	-	-	-	-	3
DORST C NR KAWEAH CAMP	C2X358	11-2090.00	6.11	*	*	-	-	-	-	3
TULE R NR PORTERVILLE	C31100	11-2035.00	261.	3020.	1.8	0	0	0	0.	
TULE RIVER NR SPRINGVILLE	C31150	11-2032.00	229.	2370.	1.6	0	0	0	0.	
NF MF TULE R NR SPRINGVILLE	C33100	11-2020.00	39.5	*	*	-	-	-	-	
TULE R SF NR SUCCESS	C34150	11-2045.00	109.	1981.	2.8	0	1	0	0.	
WINDING C NR CAMP NELSON	C3X355	11-2024.50	.22	*	*	-	-	-	-	3
TULE R TRIB NR SUCCESS	C3X356	11-2048.00	1.13	*	*	-	-	-	-	3
KERN R BELOW KERN CANYON PH	C51100	11-1930.00	2327.	138742.	9.3	5	0	0	0.	
KERN R AT KERNVILLE	C51500	11-1870.00	1026.	43645.	6.6	0	0	0	0.	
KERN R NR KERNVILLE	C51650	11-1860.00	865.	11493.	2.1	0	0	0	0.	
PACKSADDLE CANYON C NR FAIRVIW	C51700	11-1856.00	4.05	*	*	-	-	-	-	
LITTE KERN R NR QUAKING ASP CP	C52100	11-1854.00	134.	942.	1.1	0	0	0	0.	
KERN R SF AT ISABELLA	C53100	11-1900.00	983.	44715.	7.1	4	0	0	0.	
SF KERN RIVER NR ONYX	C53475	11-1895.00	530.	5816.	1.7	1	0	0	0.	
KERN R SF NR OLANCHA	C53700	11-1882.0	124.6	*	*	-	-	-	-	
GOLDEN TROUT C NR CARTAGO	C53800	11-1853.00	23.4	*	*	-	-	-	-	

TABLE 3. CONTINUED

SHIRLEY C NR ALTA SIERRA	C5X352	11-1872.00	.3	*	*	-	-	-	-	3
KERN R TRIB NR MIRACLE HOT SPG	C5X353	11-1918.00	1.21	*	*	-	-	-	-	3
BRANCIFORTE C OF SANTA CRUZ	D01100	11-1615.0	17.3	*	*	-	-	-	-	
SAN LORENZO R AT BIG TREES	D01200	11-1605.00	111.	1790.	2.5	0	0	0	0.	
ZAYANTE C AT ZAYANTE	D01300	11-1603.00	11.1	*	*	-	-	-	-	
NEWELL C AT BEN LOMOND	D01400	11-1602.00	8.98	1050.	18.3	0	0	0	0.	
APTOS C AT APTOS	D02100	11-1597.00	12.2	125.	1.6	0	0	0	0.	
SOQUEL C AT SOQUEL	D03100	11-1600.00	40.2	215.	0.0	0	0	0	0.	
SOQUEL C W BR NR SOQUEL	D03200	11-1598.00	12.2	*	*	-	-	-	-	
SCOTT C AB LITTLE C NR DAVENPT	D04170	11-1619.00	25.	12045.	75.3	0	1	0	0.	
PESCADERO C NR PESCADERO	D05100	11-1625.00	45.9	2430.	8.3	0	0	0	0.	
PESCADERO C NR PAICINES	D05700	11-1567.00	38.3	7258.	29.6	0	2	0	0.	
LAUREL C NR LAUREL	D0X287		.93	*	*	-	-	-	-	3
KINGS CK ABOVE BOULDER CREEK	D0X288		7.3	*	*	-	-	-	-	8
PESCADERO C TRIB NR LA HONDA	D0X289		.22	*	*	-	-	-	-	3
THOMPSON C NR PAICINES	D0X312	11-1566.80	9.67	1095.	17.7	0	0	0	0.	3
CORRALITOS C AT FREEDOM	D11125	11-1592.00	27.8	120.	0.7	0	0	0	0.	
CORRALITOS C NR CORRALITOS	D11135	11-1591.50	10.6	*	*	-	-	-	-	
BODFISH C NR GILROY	D11331	11-1541.00	7.4	*	*	-	-	-	-	
UVAS C NR MORGAN HILL	D11380	11-1540.0	29.35	*	*	-	-	-	-	
SAN BENITO R NR HOLLISTER	D12200	11-1585.00	586.	65260.	17.4	0	8	0	0.	
TRES PINOS C NR TRES PINOS	D12280	11-1575.00	206.	7982.	6.1	0	0	0	0.	
SAN BENITO R NR WILLOW C SCH	D12450	11-1565.00	250.	43265.	27.0	0	5	0	0.	
SAN BENITO R BL MCCOY C NR HRZ	D12600	11-1560.00	108.	23588.	34.1	0	4	0	0.	
NORTH FK RESERVOIR	D1R059		66.	2434.	5.8	0	1	0	0.	2
GREEN VALLEY C NR CORRALITOS	D1X286		7.05	*	*	-	-	-	-	3
PACHECO C TRIB NR DUNNEVILLE	D1X309	11-1530.50	.384	*	*	-	-	-	-	3
ALEC CANYON NR MORGAN HILL	D1X310	11-1538.00	.85	*	*	-	-	-	-	3
WILLOW C TRIB NR SAN BENITO	D1X311	11-1564.50	1.24	635.	80.0	0	0	0	0.	3
ARROYO SECO NR SOLEDAD	D21450	11-1520.00	244.	28735.	18.4	0	0	0	0.	
SAND C NR PARAISO SPRINGS	D2X284		14.8	4797.	50.6	0	0	0	0.	3
FELIZ CANYON TRIB NR SAN LUCAS	D2X305	11-1507.00	3.	427.	42.2	0	0	0	0.	3
SAN LORENZO C TRIB NR GITTERWR	D2X307	11-1509.50	3.24	371.	17.9	0	0	0	0.	3
L RABBIT VALLEY C NR SAN BENIT	D2X308	11-1516.00	4.25	200.	7.4	0	0	0	0.	3
ESTRELLA C NR ESTRELLA	D31200	11-1485.00	922.	43314.	7.3	0	2	0	0.	
JACK C NR TEMPLETON	D31500	11-1470.00	25.8	158.	1.0	0	0	0	0.	
SALINAS R NR POZO	D31800	11-1435.00	74.1	14357.	30.3	0	2	0	0.	
SAN ANTONIO R AT PLEYTO	D32200	11-1500.00	282.	34954.	19.4	0	2	0	3200.	
NACIMIENTO R NR BRYSON	D33200	11-1488.00	140.	13523.	15.1	0	1	0	2500.	
NACIMIENTO R NR SAN MIGUEL	D33520	11-1495.00	354.	43537.	19.2	0	2	0	2500.	

TABLE 3. ACCUMULATED FIRE HISTORIES, 1940-1959

WATERSHED NAME AND LOCATION	GAGE NUMBER		AREA	CUMULATIVE FIRE AREA		RELIABILITY CODES				FOOTNOTES
	U.S.G.S.		SQUARE MILES	ACRES	PERCENT	FREQ OF FIRE IN 04	CLASSES 08	11	TOTAL AREA IN CLASS 01	
ATASCADERO PARK LAKE	D3R061		1.	165.	25.8	0	0	0	0.	2
SALINAS RES NR POZO	D3R062	11-1445.00	111.	19279.	27.1	2	3	0	0.	2
SAPAQUE C TRIB AT BRYSON	D3X282		.76	*	*	-	-	-	-	3
SULPHUR SPRINGS CANYON NR JOLO	D3X283		5.16	1251.	37.9	0	0	0	0.	3
INDIAN VALLEY C TRIB NR VALLET	D3X303	11-1485.00	.13	*	*	-	-	-	-	3
SAN ANTONIO R TRIB NR PLEYTO	D3X304	11-1500.20	.5	*	*	-	-	-	-	3
CHOLAME C TRIB NR CHOLAME	D3X326	11-1477.00	9.32	340.	5.7	0	0	0	0.	3
WHITE CANYON C AT CHOLAME	D3X327	11-1477.50	4.98	*	*	-	-	-	-	3
RINCONDA C TRIB NR POZO	D3X415	11-1452.00	.35	*	*	-	-	-	-	3
SAN MARCOS C TRIB NR PASO ROB	D3X416	11-1476.30	.59	77.	20.4	0	0	0	0.	3
BIG SUR R NR BIG SUR	D42100	11-1430.00	46.5	1038.	3.5	0	0	0	0.	
DOUD C NR CARMEL	D4X280		2.75	889.	50.5	0	0	0	0.	3
KLONDIKE CANYON NR CARMEL VALL	D4X281		2.14	*	*	-	-	-	-	3
ARROYO DE LA CRUZ NR SAN SIMON	D51100	11-1425.00	41.4	250.	0.9	0	0	0	0.	
SANTA ROSA C NR CAMBRIA	D52150	11-1422.00	12.5	*	*	-	-	-	-	
ARROYO GRANDE AT ARROYO GRANDE	D55100	11-1415.00	106.	5818.	8.6	0	0	0	0.	
REDWOOD GULCH NR JOLON	D5X278		1.31	*	*	-	-	-	-	3
RAT C NR LUCIA	D5X279		.82	*	*	-	-	-	-	3
COTTONTAIL C TRIB NR CAYUCOS	D5X414	11-1421.50	1.33	*	*	-	-	-	-	3
SANTA MARIA R A GUADALUPE	D61100	11-1410.00	1763.	115388.	10.2	0	5	0	0.	
TEPUSQUET C NR SISQUOC	D61300	11-1395.00	28.9	21315.	115.2	0	0	0	0.	
TEPUSQUET CK NUMBER 10	D61301		13.	8306.	99.9	0	0	0	0.	5
LA BREA NR SISQUOC	D61400	11-1390.00	86.7	18375.	33.1	0	0	0	0.	
SISQUOC R NR GAREY	D62100	11-1400.00	465.	50585.	17.0	0	0	0	0.	
SISQUOC R NR GAREY	D62101	11-1400.00	442.	42805.	15.1	0	0	0	0.	5
SANTA MARIA R NR SANTA MARIA	D62102	11-1409.00	1638.	115388.	11.0	0	5	0	0.	5
SISQUOC R NR SISQUOC	D62300	11-1385.00	290.	910.	0.5	1	0	0	0.	
CUYAMA R NR SANTA MARIA	D63100	11-1370.00	912.	40786.	7.0	0	2	0	0.	
CUYAMA RIVER NUMBER 3	D63101		804.	2580.	0.5	0	1	0	0.	5
CUYAMA RIVER NUMBER 2	D63102		410.	355.	0.1	0	0	0	0.	5
BALLINGER CK NUMBER 9	D63103		30.	180.	0.9	0	0	0	0.	5
QUATAL CANYON ST HWY 399	D63104		30.	*	*	-	-	-	-	5
CUYAMA R NR VENTUCOPA	D63700	11-1365.00	90.	*	*	-	-	-	-	
HUASNA R NR SANTA MARIA	D64100	11-1380.00	119.	5161.	6.8	0	1	0	0.	
ALAMO C NR SANTA MARIA	D65100	11-1375.00	87.7	18237.	32.5	0	2	0	0.	

SAN ANTONIO C TRIB NR CASMALIA	D6X409	11-1361.00	.28	*	*	-	-	-	-	3
ALISO CANYON C NR NEW CUYAMA	D6X411	11-1366.50	16.2	*	*	-	-	-	-	3
FOXEN CANYON C NR LOS ALAMOS	D6X412	11-1393.00	6.77	*	*	-	-	-	-	3
TEPUSQUET C TRIB NR SISQUOC	D6X413	11-1394.80	2.45	1543.	98.4	0	0	0	0.	3
SALSIPUEDES C NR LOMPOC	D81225	11-1325.00	47.	375.	1.2	0	0	0	0.	
LA ZACA C AT BUELLTON	D81390	11-1300.00	39.5	478.	1.9	0	0	0	0.	
ZANJA COTA NR SANTA YNEZ	D81480	11-1275.00	13.4	*	*	-	-	-	-	
SANTA AGUEDA C NR SANTA YNEZ	D81525	11-1265.00	55.9	*	*	-	-	-	-	
CACHUMA C NR SANTA YNEZ	D81585	11-1250.00	20.5	*	*	-	-	-	-	
SANTA CRUZ C NR SANTA YNEY	D81610	11-1245.00	73.8	5264.	11.1	1	1	0	0.	
LOS LAURELES CYN TRIB NR GOLET	D8X407	11-1234.80	.2	*	*	-	-	-	-	3
EL JARO C NR LAS CRUCES	D8X408	11-1323.00	3.5	*	*	-	-	-	-	3
ATASCADERO C NR GOLETA	D92100	11-1200.00	18.3	848.	7.2	0	1	0	0.	
SAN JOSE C NR GOLETA	D93100	11-1205.00	5.54	2543.	71.7	0	1	0	0.	
ARROYO NICASIO NR PT REYES ST	E22200	11-4605.00	36.2	475.	2.1	0	0	0	100.	
PETALUMA R AT PETALUMA	E25200	11-4590.00	29.6	156.	0.8	0	0	0	0.	
SONOMA C AT BOYES HOT SPRINGS	E26200	11-4585.00	62.7	1376.	3.4	0	0	0	0.	
NICASIO C NR NICASIO	E2X204		1.74	*	*	-	-	-	-	3
SONOMA C NR KENWOOD	E2X237		6.06	383.	9.9	0	0	0	0.	3
REDWOOD C NR NAPA	E31200	11-4582.00	9.81	1134.	18.1	0	1	0	0.	
DRY C NR NAPA	E31330	11-4570.00	17.4	2573.	23.1	0	1	0	0.	
CONN C NR ST HELENA	E31450	11-4565.00	52.3	14946.	44.7	0	2	0	0.	
NAPA R NR ST HELENA	E31500	11-4560.00	81.3	12986.	25.0	0	1	0	0.	
MILLIKEN RESERVOIR SCS P 60	E3R101		9.3	2655.	44.6	0	0	0	0.	5
SULPHUR C NR ST HELENA	E3X235		4.49	*	*	-	-	-	-	3
LAKE HENNESSEY TRIB NR RUTHERF	E3X236		1.04	96.	14.4	0	0	0	0.	3
SAN LORENZO C AT HAYWARD	E41100	11-1810.00	38.	315.	1.3	0	0	0	0.	
GRAYSON C NR HOOKSTON	E44100	11-1850.00	1.94	*	*	-	-	-	-	
WALNUT C AT PLEASANT HILL	E44280	11-1834.00	107.1	1375.	2.0	0	0	0	0.	
WALNUT C AT WALNUT C	E44300	11-1835.00	80.	1375.	2.7	0	0	0	0.	
SAN RAMON C AT WALNUT C	E45100	11-1830.00	50.7	1375.	4.2	0	0	0	0.	
SAN RAMON C AT SAN RAMON	E45150	11-1825.00	5.89	*	*	-	-	-	-	
ST. MARY RESERVOIR	E4R081		3.11	*	*	-	-	-	-	2
BLACK HILLS RESERVOIR	E4R082		.76	*	*	-	-	-	-	2
ARROYO DEL HAMBRE NR MARTINEZ	E4X232		.82	*	*	-	-	-	-	3
HORSE C NR CLAYTON	E4X251		.2	*	*	-	-	-	-	3
PINOLE C AT PINOLE	E4X547	11-1821.00	10.	*	*	-	-	-	-	5
DRY C AT UNION CITY	E51076	11-1805.00	9.48	*	*	-	-	-	-	
ARROYO VALLE NR LIVERMORE	E51400	11-1765.00	149.	25096.	26.3	0	2	0	0.	
SAN ANTONIO C NR SUNOL	E51650	11-1740.00	37.	*	*	-	-	-	-	
ALAMEDA C TRIB NO.2 NR WARM SP	E5X226		.47	*	*	-	-	-	-	3
ALAMEDA C TRIB NO.1 NR WARM SP	E5X227		.35	*	*	-	-	-	-	3
BIG CANYON C NR DUBLIN	E5X228		1.13	*	*	-	-	-	-	3
ARROYO VALLE TRIB NR LIVERMORE	E5X229		3.57	*	*	-	-	-	-	3
MATADERO C AT PALO ALTO	E61100	11-1660.00	8.1	*	*	-	-	-	-	

TABLE 3. ACCUMULATED FIRE HISTORIES, 1940-1959

WATERSHED NAME AND LOCATION	GAGE NUMBER U.S.G.S.	AREA SQUARE MILES	CUMULATIVE FIRE AREA ACRES	CUMULATIVE FIRE AREA PERCENT	RELIABILITY CODES FREQ OF FIRE IN 04	FREQ OF FIRE CLASSES 08	FREQ OF FIRE CLASSES 11	TOTAL AREA IN CLASS 01	FOOTNOTES
SAN FRANCISQUITO C NR STANFD U	E62225	11-1645.00	37.7	*	*	-	-	-	-	
LOS TRANCOS C TRIB NR STAN U	E62235	11-1632.00	.47	*	*	-	-	-	-	
SAN FRANCISQUITO C TRIB NR S U	E62255	11-1629.50	.26	*	*	-	-	-	-	
ARROYO DE LOS CHOCHES NR MILPI	E64050	11-1722.20	4.	*	*	-	-	-	-	
SARATOGA C AT SARATOGA	E65100	11-1695.00	8.97	*	*	-	-	-	-	
REDWOOD C AT REDWOOD CITY	E69005	11-1628.00	1.62	*	*	-	-	-	-	
SHARON C NR MENLO PARK	E69010	11-1629.00	.38	*	*	-	-	-	-	
ARROYO CALERO TRIB NR N ALMADE	E6X313	11-1667.00	.18	*	*	-	-	-	-	3
PURISIMA C NR HALF MOON BAY	E82100	11-1626.00	4.83	*	*	-	-	-	-	
ROWDY C AT SMITH RIVER	F01100	11-5327.00	33.6	719.	3.3	0	0	0	0.	
SMITH R NR CRESCENT CITY	F01300	11-5325.00	613.	8762.	2.2	0	0	0	0.	
SMITH R MF AT GASQUET	F03200	11-5310.00	130.	*	*	-	-	-	-	
SMITH R SF NR CRESCENT CITY	F04100	11-5320.00	295.	8205.	4.3	0	0	0	0.	
SMITH R MF TRIB N OBRIEN ORE	F0X013	11-5308.50	.29	*	*	-	-	-	-	3
DARLINGTONIA C AT DARLINGTONIA	F0X014	11-5309.50	.77	*	*	-	-	-	-	3
LOPEZ C NR SMITH RIVER	F0X015		.93	*	*	-	-	-	-	3
ANTELOPE C NR TENNANT	F11400	11-4895.00	18.8	*	*	-	-	-	-	
SHASTA R NR YREKA	F21050	11-5175.00	657.	20170.	4.8	1	1	0	0.	
LITTLE SHASTA R NR MONTAGUE	F21300	11-5169.00	48.2	*	*	-	-	-	-	
WILLOW CK NR GAZELLE	F21500	11-5168.50	17.5	*	*	-	-	-	-	
SHASTA R NR WEED	F21620	11-5167.30	26.6	*	*	-	-	-	-	
CANYON C NR KELSEY C GUARD ST	F25200	11-5196.00	24.4	*	*	-	-	-	-	
SCOTT R NR FORT JONES	F25250	11-5195.00	662.	28611.	6.8	0	0	0	0.	
SHACKLEFORD C NR MUGGINSVILLE	F25320	11-5190.00	17.7	*	*	-	-	-	-	
MOFFETT C NR FORT JONES	F25420	11-5186.00	69.8	458.	1.0	0	0	0	0.	
SUGAR C NR CALLAHAN	F25700	11-5183.00	12.	233.	3.0	0	0	0	0.	
SCOTT R EF AT CALLAHAN	F26100	11-5180.50	114.	3820.	5.2	0	0	0	0.	
SCOTT R SF NR CALLAHAN	F28100	11-5182.00	42.5	*	*	-	-	-	-	
CEDAR GULCH NR CALLAHAN	F2X036	11-5183.10	.975	233.	37.3	0	0	0	0.	3
ETNA C ABOVE LUNCH C NR ETNA	F2X037		.95	*	*	-	-	-	-	3
KLAMATH R NR KLAMATH	F31100	11-5305.00	7611.	241895.	5.0	3	4	0	0.	6
KLAMATH R AT SOMESBAR	F31300	11-5230.00	3991.	158832.	6.2	2	2	0	0.	6
KLAMATH R NR SEIAD VALLEY NET	F31400	11-5205.00	2491.	137899.	8.6	2	2	0	0.	6
BEAVER C NR KLAMATH R	F31510	11-5178.00	103.	9897.	15.0	0	0	0	0.	
BLUFF C NR WEITCHPEC	F32100	11-5230.50	74.6	440.	0.9	0	0	0	0.	

TABLE 3. CONTINUED

INDIAN C NR HAPPY CAMP	F32300	11-5215.00	118.	713.	0.9	0	0	0	0.	
RED CAP C NR ORLEANS	F34050	11-5230.30	56.1	*	*	-	-	-	-	
SALMON R AT SOMESBAR	F34100	11-5225.00	746.	9773.	2.0	0	0	0	0.	
NFRK SALMON R NR FRKS OF SALMON	F34125	11-5224.00	208.	1893.	1.4	0	0	0	0.	
SALMON R SF NR FORKS OF SALMON	F34150	11-5223.00	252.	6761.	4.2	0	0	0	0.	
ELK C NR HAPPY CAMP	F34200	11-5222.00	91.1	1084.	1.9	0	0	0	0.	
WILSON C NR ORLEANS	F3X009		2.02	*	*	-	-	-	-	3
AIKENS C TRIB NR WEITCHPEC	F3X010		.9	*	*	-	-	-	-	3
MAREEP C NR WEITCHPEC	F3X012		3.66	*	*	-	-	-	-	3
DONA C NR KLAMATH RIVER	F3X035		3.2	*	*	-	-	-	-	3
FORT GOFF C NR SEIAD VALLEY	F3X036		13.12	*	*	-	-	-	-	3
BENJAMIN C NR HAPPY CAMP	F3X040		1.2	*	*	-	-	-	-	3
TI C NR SOMESBAR	F3X041		9.46	*	*	-	-	-	-	3
BUTLER C NR SOMESBAR	F3X043		6.96	*	*	-	-	-	-	3
TRINITY R NR HOOPA	F41040	11-5300.00	2946.	51850.	2.6	1	2	0	0.	
WILLOW C AT WILLOW CREEK	F41140	11-5288.00	43.3	3642.	13.1	0	0	0	0.	
NEW R AT DENNY	F41292	11-5274.00	173.	7300.	6.6	0	0	0	0.	
TRINITY R NR BURNT RANCH	F41376	11-5270.00	1438.	30007.	3.3	1	0	0	0.	
TRINITY R NR DOUGLAS CITY	F41480	11-5260.00	1017.	14615.	2.2	0	0	0	0.	
BROWNS C NR DOUGLAS CITY	F41510	11-5259.00	71.6	215.	0.5	0	0	0	0.	
WEAVER C NR DOUGLAS CITY	F41540	11-5258.00	48.4	*	*	-	-	-	-	
TRINITY R AT LEWISTON	F41640	11-5255.00	726.	13485.	2.9	0	0	0	0.	
TRINITY R ABOVE COFFEE C	F41770	11-5232.00	149.	10100.	10.6	0	0	0	0.	
COFFEE C NR TRINITY CENTER	F41820	11-5237.00	107.	220.	0.3	0	0	0	0.	
TRINITY R NF AT HELENA	F42100	11-5265.00	151.	3403.	3.5	0	0	0	0.	
TRINITY R SF NR SALYER	F44170	11-5290.00	899.	9375.	1.6	0	2	0	0.	
HAYFORK C NR HYAMPOM	F44400	11-5285.00	379.	9158.	3.8	0	2	0	0.	
BIG CREEK NR HAYFORK	F44500	11-5284.80	27.3	1660.	9.5	0	1	0	0.	
HAYFORK C NR HAYFORK	F44650	11-5284.00	87.2	5288.	9.5	0	0	0	0.	
TRINITY R SF NR HYAMPOM	F44800	11-5282.00	342.	140.	0.1	0	0	0	0.	
TRINITY R SF AT FOREST GLEN	F44900	11-5281.00	208.	140.	0.1	0	0	0	0.	
CAMPBELL C NR HOOPA	F4X011		6.88	*	*	-	-	-	-	3
DAN RICE C NR CALLAHAN	F4X044		1.1	*	*	-	-	-	-	3
SLATE C NR TRINITY ALPS	F4X045		2.57	*	*	-	-	-	-	3
TOM LANG GULCH NR DOUGLAS CITY	F4X046		2.7	41.	2.4	0	0	0	0.	3
MILL C NR BURNT RANCH	F4X047		6.4	*	*	-	-	-	-	3
PANTHER C NR DENNY	F4X048		6.01	*	*	-	-	-	-	3
SWIFT C NR FOREST GLEN	F4X049		.65	*	*	-	-	-	-	3
HAYFORK C TRIB NR HYAMPOM	F4X050		1.	*	*	-	-	-	-	3
LITTLE R AT CRANNELL	F60100	11-4812.00	44.3	*	*	-	-	-	-	

TABLE 3. ACCUMULATED FIRE HISTORIES, 1940-1959

WATERSHED NAME AND LOCATION	GAGE NUMBER	U.S.G.S.	AREA SQUARE MILES	CUMULATIVE FIRE AREA ACRES	CUMULATIVE FIRE AREA PERCENT	RELIABILITY CODES FREQ OF FIRE IN CLASSES 04	08	11	TOTAL AREA IN CLASS 01	FOOTNOTES
MAD R NR ARCATA	F51100	11-4810.00	485.	9087.	2.9	0	0	0	0.	
MAD R NR FOREST GLEN	F51200	11-4805.00	144.	2107.	2.3	0	0	0	0.	
MAD R NF NR KORBEL	F52100	11-4808.00	40.5	4468.	17.2	0	0	0	0.	
REDWOOD C AT ORICK	F55100	11-4825.00	278.	4264.	2.4	0	0	0	0.	
MAPLE C NR BLUE LAKE	F5X006		12.95	27.	0.3	0	0	0	0.	3
BIG LAGOON TRIB NR TRINIDAD	F5X007	11-4813.00	.1	*	*	-	-	-	-	3
PRAIRIE C TRIB NR KLAMATH	F5X008		.48	*	*	-	-	-	-	3
ELK R NR FALK	F60620	11-4797.00	44.2	450.	1.6	0	0	0	0.	
JACOBY C NR FRESHWATER	F60820	11-4800.00	6.07	210.	5.4	0	0	0	0.	
EEL R AT SCOTIA	F61100	11-4770.00	3113.	273151.	13.7	4	8	0	0.	
LARABEE C NR HOLMES	F61140	11-4767.00	84.1	2613.	4.9	0	0	0	0.	
EEL R BELOW DOS RIOS	F61300	11-4740.00	1481.	136816.	14.4	4	4	0	0.	
EEL R MID FK ABOVE DOS RIOS	F61300	11-4740.00	778.	5865.	1.2	1	0	0	0.	7
EEL R ABOVE DOS RIOS	F61330	11-4725.00	703.	120155.	26.7	1	4	0	0.	
OUTLET C NR LONGVALE	F61350	11-4722.00	159.	44515.	43.7	0	3	0	0.	
LAKE PILLSBURY F6R010	F61551	11-4700.00	288.	20962.	11.4	0	0	0	0.	
EEL R NF NR MINA	F62100	11-4745.00	251.	8727.	5.4	0	0	0	0.	
MILL C NR COVELO	F63050	11-4737.00	97.1	4095.	6.6	0	0	0	0.	
SHORT C NR COVELO	F63075	11-4736.00	15.2	749.	7.7	0	0	0	0.	
EEL MF BL BLK BUTTE NR COVELO	F63100	11-4730.00	367.	1770.	0.8	1	0	0	0.	
BLACK BUTTE R NR COVELO	F63200	11-4729.00	162.	1200.	1.2	1	0	0	0.	
EEL R SF NR MIRANDA	F64100	11-4765.00	537.	69040.	20.1	0	3	0	0.	
EEL R SF NR BRANSCOMB	F64300	11-4755.00	43.9	7102.	25.3	0	1	0	0.	
TENMILE C NR LAYTONVILLE	F64400	11-4757.00	50.4	7652.	23.7	0	1	0	0.	
YAGER C NR CARLOTTA	F65120	11-4790.00	127.	1682.	2.1	0	0	0	0.	
VAN DUZEN R NR BRIDGEVILLE	F65300	11-4785.00	214.	2019.	1.5	0	0	0	0.	
VAN DUZEN R SF NR BRIDGEVILLE	F68050	11-4777.00	36.2	1800.	7.8	0	0	0	0.	
VAN ARSDALE RESERVOIR	F6R020	11-4715.00	347.	31574.	16.3	0	0	0	0.	5
MORRIS RESERVOIR	F6R094		5.22	108.	3.2	0	0	0	0.	2
YAGER C SF NR BRIDGEVILLE	F6X005		.55	*	*	-	-	-	-	3
MATTOLE R NR PETROLIA	F71100	11-4690.00	242.	19416.	12.5	0	2	0	0.	
MATTOLE R NF AT PETROLIA	F72100	11-4695.00	37.6	1900.	7.9	0	0	0	0.	
PAINTER C NR REDWAY	F7X003		.7	156.	34.8	0	0	0	0.	3
OIL C NR FERNDALE	F7X004		.13	83.	100.0	0	0	0	0.	3
GUALALA R SF NR ANNAPOLIS	F81100	11-4675.00	161.	17304.	16.8	0	3	0	0.	

TABLE 3. CONTINUED

NAVARRO R NR NAVARRO	F82100	11-4680.00	304.	34332.	17.6	0	2	0	0.	
RANCHERIA C NR BOONEVILLE	F82500	11-4678.00	65.8	9320.	22.1	0	0	0	0.	
NOYO R NR FORT BRAGG	F83100	11-4685.00	105.	25810.	38.4	0	1	0	0.	
WHEATFIELD FK GUALALA TR ANNAP	F8X207		.19	94.	77.3	0	0	0	0.	3
CHINA GULCH C AT GUALALA	F8X208		.7	*	*	-	-	-	-	3
SODA C TRIB NR BOONEVILLE	F8X209	11-4678.50	1.53	45.	4.6	0	0	0	0.	3
NAVARRO R TRIB NR PHILO	F8X210	11-4678.80	.63	*	*	-	-	-	-	3
ALBION R TRIB NR COMPTCHE	F8X211		.42	*	*	-	-	-	-	3
BIG R NF TRIB NR WILLITS	F8X212		.45	*	*	-	-	-	-	3
WARNER C NR FT BRAGG	F8X213		.45	*	*	-	-	-	-	3
DUNN C NR ROCKPORT	F8X214		1.88	101.	8.4	0	0	0	0.	3
AUSTIN C NR CAZADERO	F91010	11-4672.00	63.	2975.	7.4	0	1	0	0.	
SANTA ROSA C NR SANTA ROSA	F91220	11-4658.00	12.5	*	*	-	-	-	-	
DRY C NR GEYSERVILLE	F91440	11-4652.00	162.	21411.	20.7	0	1	0	0.	
DRY C NR CLOVERDALE	F91490	11-4645.00	87.8	6092.	10.8	0	1	0	0.	
BIG SULFUR C NR CLOVERDALE	F91600	11-4632.00	82.	18461.	35.2	0	1	1	0.	
FELIZ C NR HOPLAND	F91730	11-4627.00	31.2	754.	3.8	0	0	0	0.	
RUSSIAN R NR UKIAH	F91850	11-4610.00	99.6	16689.	26.2	0	2	0	0.	
RUSSIAN R EF NR UKIAH	F94100	11-4620.00	105.	4696.	7.0	0	0	0	0.	
RUSSIAN R EF TRIB NR POTTER VL	F94300	11-4614.00	.13	*	*	-	-	-	-	
WALKER C NR TOMALES	F99010	11-4608.00	37.1	*	*	-	-	-	-	
RIDGEWOOD RESERVOIR (WALKER)	F9R093		5.9	2323.	61.5	0	1	0	0.	2
ROSCOE C NR BODEGA BAY	F9X205		.25	*	*	-	-	-	-	3
WARD C TRIB NR CAZADERO	F9X206		.1	*	*	-	-	-	-	3
SLIDE C NR UKIAH	F9X239		.57	*	*	-	-	-	-	3
DRY C TRIB NR HOPLAND	F9X240		1.21	*	*	-	-	-	-	3
DUTCHER C NR ASTI	F9X241		2.25	180.	12.5	0	0	0	0.	3
SAGEHEN CREEK NR TRUCKEE	G72275	10-3435.00	10.8	*	*	-	-	-	-	
MATILIJA C NF AT MAT HOT SPRGS	Z16150	11-1160.00	15.5	10061.	101.4	0	0	0	0.	
SESPE C NR FILLMORE	Z22150	11-1130.00	254.	3398.	2.1	0	0	0	0.	
SESPE C NR WHEELER SPRINGS	Z22645	11-1115.00	51.2	*	*	-	-	-	-	
PIRU C NR PIRU	Z23150	11-1100.00	432.	8543.	3.1	0	0	0	0.	

FOOTNOTES

* THERE WERE NO 100 ACRE FIRES OF RECORD IN THIS WATERSHED.

1 DRAINAGE AREA EXCLUDES GOOSE LAKE BASIN.

2 THE STATE STREAM GAGE NUMBER IS UNOFFICIAL. IT WAS ASSIGNED BY THE AUTHORS TO RESERVOIR DATA CITED IN --
FLAXMAN, E. M. AND R. D. HIGH, 1955, SEDIMENTATION IN DRAINAGE BASINS OF THE PACIFIC COAST STATES.
SOIL CONSERVATION SERVICE, ENG. AND WATERSHED PLANNING UNIT, PORTLAND, OREGON

3 THE STATE STREAM GAGE NUMBER IS UNOFFICIAL. IT WAS ASSIGNED BY THE AUTHORS TO PEAK DISCHARGE PARTIAL RECORD STATIONS CITED IN --
YOUNG, L.E. AND D.E. CLICK, 1962, FLOODS FROM SMALL DRAINAGE AREAS IN CALIFORNIA, OCT. 1958 - SEPT. 1961.
U.S. GEOLOGICAL SURVEY PROGRESS REPORT, MENLO PARK, CALIFORNIA. 155 PP.
SOME OF THE DRAINAGE AREAS ARE ESTIMATES WHICH ARE SUBJECT TO LATER REVISION.

4 THIS GAGE IS ACTUALLY LOCATED IN STATE HYDROGRAPHIC SUBREGION A6 RATHER THAN A7. NOTE 2 ABOVE ALSO APPLIES.

5 THE STATE STREAM GAGE NUMBER IS UNOFFICIAL. IT WAS ASSIGNED BY THE AUTHORS.

6 THE DRAINAGE AREA EXCLUDES ALL THE AREA ABOVE DWINNELL RESERVOIR (139 SQ. MI.) AND COPCO RESERVOIR (4350 SQ. MI.).
THE DRAINAGE AREA ABOVE COPCO WAS DETERMINED BY SUBTRACTING FALL CREEKS AREA (20) FROM THE AREA OF THE GAGE --
KLAMATH RIVER BELOW FALL CREEK, NEAR COPCO, CALIF. (APPROX. 4370 SQ. MI.).

7 THIS DRAINAGE AREA EXCLUDES ALL THE AREA UPSTREAM OF THE GAGE -- EEL RIVER ABOVE DOS RIOS. IT ONLY INCLUDES THE MIDDLE FORK DRAINAGE AREA.

8 NO STREAM GAGE EXISTS AT THIS LOCATION. MOUTH OF STREAM AT HWY. 9 --THREE MILES NORTH OF BOULDER CREEK.